

Application No. 10/566,988
Amendment dated December 20, 2007
Reply to Office Action of September 25, 2007

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Docket No.: 80316(302753)

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (canceled)

Claim 2 (canceled)

Claim 3 (canceled)

Claim 4 (canceled)

Claim 5 (canceled)

Claim 6 (canceled)

Claim 7 (currently amended) A noncontact information medium comprising:
a first coil formed by at least one turn of a conductor;
a capacitor that forms a resonance circuit together with the first coil; and
a control circuit that controls information transmitted to and received from a reader-writer, wherein

the first coil has at least a part of said at least one turn of the conductor cut off.

Claim 8 (currently amended) The noncontact information medium according to claim 7, wherein

the first coil has an inductance for making a resonance frequency of the resonance circuit higher than a frequency of electromagnetic waves transmitted from the reader-writer when only the noncontact information medium is present near the reader-writer.

Claim 9 (currently amended) The noncontact information medium according to claim 7,

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wherein

the first coil generates an inductance for making a resonance frequency of the resonance circuit equal to a frequency of electromagnetic waves transmitted from the reader-writer when a plurality of other noncontact information media having substantially similar configuration as the noncontact information medium are present close to the reader-writer.

Claim 10 (currently amended) The noncontact information medium according to claim 7, further comprising:

~~an~~ at least one auxiliary card having a second coil substantially equal in inductance to the first coil, wherein

the first coil generates an inductance for making a resonance frequency of the resonance circuit equal to a frequency of electromagnetic waves transmitted from the reader-writer when a plurality of the auxiliary second coils are present close to the reader-writer.

Claim 11 (currently amended) The noncontact information medium according to claim 7, wherein

the first coil is arranged around the control circuit.

Claim 12 (currently amended) The noncontact information medium according to claim 11, wherein

the first coil includes said at least one turn of the conductor around the control circuit.

Claim 13 (canceled)

Claim 14 (currently amended) The noncontact information medium according to claim 11, wherein

the first coil includes a plurality of turns of the conductor around the control circuit.

Claim 15 (currently amended) The noncontact information medium according to claim 13, wherein

the part of the first coil that is cut off is includes a turn of the conductor.

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Claim 16 (currently amended) A communication system that holds a radio communication using electromagnetic induction, the communication system comprising:

- a plurality of noncontact information media each including
- a coil formed by at least one turn of a conductor at least a part of which is cut off;
- a capacitor that forms a resonance circuit together with the coil; and
- a control circuit that controls transmission and reception of information via the resonance circuit; and
- a reader-writer that supplies power to the noncontact information media, transmits data to the noncontact information media, and receives data transmitted from the noncontact information media.

Claim 17 (currently amended) A communication system that holds a radio communication using electromagnetic induction, the communication system comprising:

- a noncontact information medium including
- a first coil formed by at least one turn of a conductor at least a part of which is cut off;
- a capacitor that forms a resonance circuit together with the first coil; and
- a control circuit that controls transmission and reception of information via the resonance circuit;
- an auxiliary card having a second coil substantially equal in inductance to the first coil of the noncontact information medium; and
- a reader-writer that supplies power to the noncontact information medium, transmits data to the noncontact information medium, and receives data transmitted from the noncontact information medium.